

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	12	((("6072631") or ("6394665") or ("6313948") or ("6157756") or ("6025938") or ("5859945") or ("5148317") or ("5113286") or ("5581683") or ("4733937") or ("4846552") or ("5718496")).PN.	US-PGPUB; USPAT	OR	OFF	2006/04/03 08:32
L2	7	((("5973730") or ("5891747") or ("4846552") or ("5718496") or ("5570442") or ("5719973") or ("5751871")).PN.	US-PGPUB; USPAT	OR	OFF	2006/04/03 08:40
L3	13	((("6091345") or ("6778180") or ("6658329") or ("6658329") or ("6662572") or ("6888476") or ("7006203") or ("5109345") or ("5020876") or ("5490075") or ("5963733") or ("6227495") or ("6254035") or ("6041173")).PN.	US-PGPUB; USPAT	OR	OFF	2006/04/03 08:49
L4	7135	(optical fiber) and ((diffract\$4 near2 binary) or (level near2 pattern))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/03 08:56
L5	372	(optical fiber) and (((diffract\$4 near2 binary) or (level near2 pattern)) same (end or tip))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/03 09:06
L6	8	(optical fiber) and ((multi\$level near2 pattern) same (end or tip))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/03 09:05
L7	1	L6 not L5	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/03 09:05
L8	23	(optical fiber) and ((diffract\$4 near2 binary) same (end or tip))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/03 09:06

## EAST Search History

L9	5651	385/123-128.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/03 09:12
L10	0	L9 and (binary near2 diffract\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/03 09:13
L11	0	385/140.ccls. and (binary near2 diffract\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/03 09:12
L12	430	L9 and diffract\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/03 09:13
L13	0	L9 and (diffract\$4 near2 binary)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/03 09:13
L14	157	L9 and ((diffract\$4 or pattern) with (end or tip))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/03 09:13
L15	17	("4406732").URPN.	USPAT	OR	ON	2006/04/03 09:16

## EAST Search History

L16	43	("3796905"   "3874783"   "3910677"   "4191446"   "4380365"   "4449535"   "4573761"   "4654532"   "4707134"   "4812003"   "4816670"   "4979797"   "4995691"   "5011254"   "5011279"   "5037180"   "5074632"   "5146917"   "5166756"   "5196005"   "5253312"   "5263952"   "5269777"   "5330465"   "5402508"   "5421928"   "5432880").PN. OR ("5764840"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/03 09:23
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09228070	6091345	150	12/10/1998	SYNCHRONIZED TARGET SUBSYSTEM FOR AUTOMATED DOCKING SYSTEMS	HOWARD, RICHARD T
09439465	Not Issued	161	11/09/1999	FOUR-IMAGE DISPLAY	HOWARD, RICHARD T
09967833	6778180	150	09/28/2001	VIDEO IMAGE TRACKING ENGINE	HOWARD, RICHARD T.
10138887	6658329	150	05/02/2002	VIDEO GUIDANCE SENSOR SYSTEM WITH LASER RANGEFINDER	HOWARD, RICHARD T.
10340380	6662572	150	12/30/2002	SOLAR POWERED AUTOMOBILE INTERIOR CLIMATE CONTROL SYSTEM	HOWARD, RICHARD T.
10456141	Not Issued	161	06/04/2003	Laser range finder with bearing measurement output	HOWARD, RICHARD T.
10615369	6888476	150	07/03/2003	CONTROL METHOD FOR VIDEO GUIDANCE SENSOR SYSTEM	HOWARD, RICHARD T.
10631220	Not Issued	71	07/30/2003	Fiber coupled laser diodes with even illumination pattern	HOWARD, RICHARD T.
10646000	7006203	150	08/21/2003	VIDEO GUIDANCE SENSOR SYSTEM WITH INTEGRATED RANGEFINDING	HOWARD, RICHARD T.
11108140	Not Issued	30	04/13/2005	Video sensor with range measurement capability	HOWARD, RICHARD T.
07481537	5109345	150	02/20/1990	CLOSED-LOOP AUTONOMOUS DOCKING SYSTEM	HOWARD, RICHARD T.
07481538	5020876	150	02/20/1990	STANDARD REMOTE MANIPULATOR SYSTEM DOCKING TARGET AUGMENTATION FOR AUTOMATED DOCKING	HOWARD, RICHARD T.
08283728	5490075	150	08/01/1994	GLOBAL POSITIONING SYSTEM SYNCHRONIZED ACTIVE LIGHT AUTONOMOUS DOCKING SYSTEM	HOWARD, RICHARD T.
08970364	5963733	150	11/14/1997	METHOD AND SYSTEM FOR SIMULATING FOREST MANAGEMENT	HOWARD, RICHARD T.
09228033	6227495	150	12/10/1998	SYNCHRONIZED AUTONOMOUS DOCKING SYSTEM	HOWARD, RICHARD T.
09228071	6254035	150	12/10/1998	SYNCHRONIZED DOCKING SYSTEM	HOWARD, RICHARD T.
09280141	6041173	150	03/26/1999	SYSTEM AND METHOD FOR SIMULATING FOREST MANAGEMENT	HOWARD, RICHARD T.
60031826	Not Issued	159	11/26/1996	METHOD AND SYSTEM FOR SIMULATING FORESTRY MANAGEMENT	HOWARD, RICHARD T.